

Claims

1. A method of preventing and/or treating asthma in animals including humans using natural compound Luteolin, said method comprising administering therapeutically effective dose of the Luteolin.
- 5 2. A method as claimed in claim 1, wherein the compound Luteolin shows no side effects.
3. A method as claimed in claim 1, wherein the compound Luteolin is administered orally.
4. A method as claimed in claim 1, wherein the development of asthmatic features comprising Early Airway Response (EAR) and Late Airway Response (LAR) are prevented.
- 10 5. A method as claimed in claim 1, wherein level of IFN-gamma increases to normal level.
6. A method as claimed in claim 1, wherein level of IL-5 decreases to normal level.
- 15 7. A method as claimed in claim 1, wherein level of IL-4 decreases to normal level.
8. A method as claimed in claim 1, wherein level of IgE decreases to normal level.
9. A method as claimed in claim 1, wherein the concentration of compound Luteolin is ranging between 0.1 to 10 mg/kg body weights.
- 20 10. A method as claimed in claim 1, wherein the concentration of compound Luteolin is ranging between 1 mg/kg body weights.
11. A method as claimed in claim 1, wherein the duration of administering compound Luteolin is ranging between 5 to 10 days.
- 25 12. A method as claimed in claim 1, wherein compound Luteolin inhibits airway constriction.
13. A method as claimed in claim 1, wherein compound Luteolin inhibits airway hyperactivity.